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#### Application Number 10688471 Filing Date 2003-10-16 INFORMATION DISCLOSURE Xing Xie First Named Inventor STATEMENT BY APPLICANT Art Unit 2171 ( Not for submission under 37 CFR 1.99) **Examiner Name** Attorney Docket Number MS1-1643US

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Application Number	10688471						
Filing Date	2003-10-16	2003-10-16					
First Named Inventor	Xing Xie	•					
Art Unit	2171						
Examiner Name							
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Filing Date		2003-10-16	<b>Management</b>	
First Named Inventor	Xing	Xie		
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10688471

2003-10-16

Xing Xie

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First Named Inventor

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INFORMATION DISCLOSURE	Filing Date		10/16/2003	
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(Not for Submission under 57, 61 K 1.55)	Examiner Name			
	Attorney Docket Number		MS1-1643US	

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### Application Number 10/688,471 Filing Date 10/16/2003 INFORMATION DISCLOSURE First Named Inventor Xing Xie STATEMENT BY APPLICANT Art Unit 2171 ( Not for submission under 37 CFR 1.99) **Examiner Name** MS1-1643US Attorney Docket Number **MATSUSHITA** 1994-05-18 **ELECTRIC IND CO LTD** 1 EP0597450 /CGD/ If you wish to add additional Foreign Patent Document citation information please click the Add button **NON-PATENT LITERATURE DOCUMENTS** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item Examiner Cite (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), **T**5 Initials\* No publisher, city and/or country where published. If you wish to add additional non-patent literature document citation information please click the Add button **EXAMINER SIGNATURE** Examiner Signature **Date Considered** 08/28/2007 /Clifton Daley/ \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE	Filing Date	10/16/2003
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Sheet	3	of	5 ,	Attomey Docket Number	MS1-1643US		

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/CGD/		FAN et al., "Visual Attention Based Image Browsing on Mobile Devices" 4 pages	Γ
1		ZADEH, L.A., "Probability Measures of Fuzzy Events" Journal of Mathematical Analysis and Applications, 23, 1968, pp 421-427	
		WOLFE, J.M., "Developing Visual Attention: The Guided Search Model" Al and the Eye Chapter 4, 1990, pp 79-103	
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		HELD, Gibert, "Focus on Agere System's Orinoco PC Card" International Journal of Network Management, January 2002, pp 187-193	
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		htpp://www.fatalfx.com/nomad/ "NOMAD (No More Advertising)" February 17, 2003, 4 pages	
		SADLIER, David, "Automatic TV Advertisement Detection from MPEG Bitstream" Centre for Digital Video Processing/Research Institute for Network & Communication Eng., Dublin City University, 12 pages	
<b>W</b>		SANCHEZ, Juan Maria, "AudiCom: A Video Analysis System for Auditing Commercial Broadcasts" Computer Vision Department d'Informatica Universitat Autonoma de Barcelona, 5 pages	
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Examiner Signature	/Clifton Daley/	Date 08/28/2007

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Substitute for fo	rm 1449/PTO			Сотр	plete if Known
				Application Number	10/688,471
INFO	<b>PRMATIO</b>	N DISC	LOSURE	Filing Date	10/16/2003
STA	TEMENT	<b>BY AP</b>	PLICANT	First Named Inventor	Xie .
<u>.</u>				Group Art Unit	2171
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Sheet	4	of	5	Attorney Docket Number	MS1-1643US

ICCDI		item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/CGD/		LU, Lie et al., "A Robust Audio Classification and Segmentation Method" Microsoft Research, China, 9 pages	
	. •	LU Lie et al., "Content Analysis for Audio Classification and Segmentation" IEEE, Transactions on Speech and Audio Processing, v10, no7, October 2002, pp 504-516	
	*	LU Lie et al., "Content-Based Audio Segmentation Using Support Vector Machines" IEEE, 2001, pp 956-959	
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	•	CHERRY, Steven, "Pesky Home Networks Trouble cable Behemoths" IEEE Spectrum, April 2002, pp 60-61	T
	,	SAHOO et al., "Threshold Selection Using a Minimal Histogram Entropy Difference" Optical Engineering, v36, no7, July 1997, pp 1976-1981	T
		MILANESE, et al., "Attentive Mechanisms for Dynamic and Static Scene Analysis" Optical Engineering v34, no8, August 1995, pp 2428-2434	T
	·	JING et al., "An Effective Region-Based Image Retrieval Framework" From ACM Multimedia 2002, 28 pages	
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	•	Ahmed, S., "Visit: A Neural Model of Covert Visual Attention" Advances in Neural Information Processing Systems, v4, 1991, pp 420-427	<u> </u>
	;	BALUJA et al., "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle" Robotics and Autonomous System v22, no3-4, December 1997, pp 329-344	<u> </u>
		MA, et al., "A User Attention Model for Video Summarization" Proceedings of ICIP, 2002	T
		CHEN, et al., "A Visual Attention Model for Adapting Images on Small Displays" ACM Multimedia Systems Journal, 2003	

Examiner	/Clifton Daley/	Date	08/28/2007
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n h.				Application Number	10/688,471
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STA	TEMENT	BY AP	PLICANT	First Named Inventor	XIe
				Group Art Unit	2171
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xaminer nitials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T²
		publisher, city and/or country where published.	
/CGD/		LELESCU, et al., "Real-time Scene Change Detection on Compressed Multimedia Bitstream Based on Statistical Sequential Analysis" IEEE, 2000, pp 1141-1144	
		HENG, et al., "Post Shot Boundary Detection Technique: Flashlight Scene Determination" University of Western Australia, 1999, pp 447-450	
	1	O'TOOLE, "An MPEG-1 Shot Boundary Detector Using XIL Colour Histograms" Dublin City University, 1998, pp 1-7	
		GAMAZ et al., "Robust scene-change detection in MPEG compressed domain" Electrical & Computer Engineering, 1998, pp 95-99	
		GU, et al., "Dissolve Detection in MPEG Compressed Video" IEEE, 1997, pp 1692-1696	
		YEO, et al., "Rapid Scene Analysis on Compressed Video" IEEE, 1995, pp 533-544	
4		DIVAKARAN, et al., "Video Summarization Using Descriptors of Motion Activity: A Motion Activity Based Approach to Key-Frame Extraction From Video-Shots" Journal of Electronic Imaging, October 2001, v10 no4 pp 909-916	
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Signature	/Clifton Daley/	Considered	l 08/28/2007

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Sheet 1 of 4

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Application Number 10/688,471						
Filing Date	October 16, 2003					
First Named Inventor	Xie					
Group Art Unit	2171					
Examiner Name						
Attorney Docket Number	MS1-1406US					

			U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Docume Kind Co	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CGD/		5,442,633	Perkins et al.	08/15/1995	
		5,530,963	Moore et al.	06/25/1996	,
		5,625,877	Dunn et al.	04/29/1997	•
		5,642,294	Taniguchi et al.	06/24/1997	
		5,659,685	Williams et al.	08/19/1997	
		5,745,190	loka	04/28/1998	
		5,751,378	Chen et al.	05/12/1998	
		5,774,593	Zick et al.	06/30/1998	
		5,801,765	Gotoh et al.	09/01/1998	
		5,835,163	Liou et al.	11/10/1998	
		5,900,919	Chen et al.	05/04/1999	•
		5,911,008	Niikura et al.	06/08/1999	
		5,920,360	Coleman Jr.	07/06/1999	
		5,959,697	Coleman Jr.	09/28/1999	
		5,990,980	Gotin	11/23/1999	
		5,995,095	Ratakonda	11/30/1999	
$\mathbf{V}$		6,462,754	Chakraborty et al.	10/08/2002	
•		2003/0152363	Jeannin et al.	08/14/2003	

FOREIGN PATENT DOCUMENTS								
Examiner	Cite No.1	•	Foreign Patent Do	Kind Code <sup>5</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
	NO.	Office <sup>3</sup>	Number <sup>4</sup>	(# known)	Applicant or once beginning	MM-DD-YYYY	Figures Appear	T
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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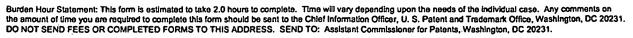
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	Application Number	10/688,471	
ĺ	Filing Date	October 16, 2003	
i	First Named Inventor	Xie	
	Group Art Unit	2171	
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	Attorney Docket Number	MC1 1406UC	

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1							
/CGD/		AHMAD, SUBUTAI; "VISIT: A Neural Model of Covert Visual Attention" Advances in Neural Information Processing Systems, v. 4, 1991, pgs 420-427						
BALUJA et al.; "Expectation-Based Selective Attention for Vis Vehicle" Robotics and Autonomous Systems, v. 22 no. 3-4, D		BALUJA et al.; "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle" Robotics and Autonomous Systems, v. 22 no. 3-4, December 1997, pages 329-344						
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$\overline{\downarrow}$		DIVAKARAN et al.; "Video Summarization Using Descriptors of Motion Activity: A Motion Activity Based Approach to Key-Frame Extraction from Video Shots" Journal of Electronic Imaging, October 2001, vol.10 n 4, pp 909-916						

Examiner	/Clifton Daley/	Date	08/28/2007
Signature	/Clifton Daley/	Considered	00/20/2007

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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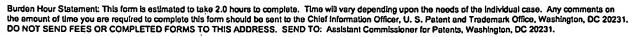
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		NON PATENT LITERATURE DOCUMENTS						
Examiner Cite No.¹		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
		HENG et al.; "Post Shot Boundary Detection Technique: Flashlight Scene Determination" University of Western Australia, 1999, pp. 447-450						
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		LU, LIE et al.; "Content-Based Audio Segmentation Using Support Vector Machines" IEEE, 2001, pages 956-959.						
		MA et al.; "A User Attention Model for Video Summarization" Proceedings of ICIP, 2002						
$\downarrow$		MILANESE R. et al.; "Attentive Mechanisms for Dynamic and Static Scene Analysis" Optical Engineering, v34 no8, August 1995, pages 2428-2434						

Examiner Signature	/Clifton Daley/	٠.	Date Considered	08/28/2007

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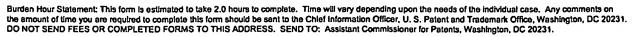
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				Filing Date	October 16, 2003		
				First Named Inventor	Xie		
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Sheet	4	of	4	Attorney Docket Number	MS1-1643US		

		NON PATENT LITERATURE DOCUMENTS							
Examiner Initials' Cite No.1									
		NIEBUR, E. et al.; "Computational Architectures for Attention" The Attentive Brain, Chapter 9, 1998, pages 163-186							
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

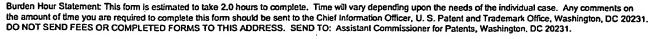
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Application Number	Not Yet Assigned			
Filing Date	Not Yet Assigned			
First Named Inventor	Xie			
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		NON PATENT LITERATURE DOCUMENTS		
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/CGD/		US Patent Application Serial Number 10/286,053 filed November 1, 2002, Inventors Yu-Fei Ma, et al. Entitled "Systems and Mehods for Gernerating a comprehensive User Attention Model" (Attorney Docket MS1-1278US)		
		US Patent Application Serial Number 10/371,125 filed February 20, 2003, InventorsWei-Ying Ma, et al. Entitled "Systems and Methods for Enhanced Image Adaptation" (Attorney Docket MS1-1406US)		
		LEE, KEANSUB,et al.; "Perception-Based Image Transcoding for Universal Multimedia Access"; School of Electrical Engineering Korea University, Seoul, Korea, 2001 IEEE, pp.475-478		
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٠		L. ITTI & C. KOCH, "Computational Modelling of Visual Attention," Nature Reviews/Neuroscience, Vol. 2, March 2001, pp. 1-11.		
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		YU-FEI MA & HONG-JIANG ZHANG, "A New Perceived Motion Based Shot Content Representation," Microsoft Research China, 4 pages.		
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		T. LIN, H.J. ZHANG, Q.Y. SHI, "Video Scene Extraction by Force Competition," IEEE Intl. Conference on Multimedia and Expo (ICME 001), Waseda University, Tokyo, Japan, August 22-25, 2001, 4 pages.		

Examiner /Clifton Daley/	Date Consider d	08/28/2007
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			APPLICANT	First Named Inventor	Xie	
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Sheet	2	of	2	Attorney Docket Number	MS1-1643US	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T2	
/CGD/		CHRISTOPOULOS, CHARILAOS et al., "The JPEG2000 Still Image Coding System: An Overview," IEEE Transactions on Consumer Electronics, Vol. 46, No. 4, pp. 1103-1127, November 2000.		
		CHEN, JINLIN et al., "Function-based Object Model Towards Website Adaptation," (2001) Proc. of the 10th Int. WWW Conf. pp. 1-21.		
		U.S. Patent Application Serial No. 10/179,161, filed 06/24/2002, inventors Jin-Lin Chen & Wei-Ying Ma, entitled "Function-based Object Model for Web Page Display in a Mobile Device," (Attorney Docket No. MS1-1216US).		
		U.S. Patent Application Serial No. 10/286,348, filed 11/01/2002, inventors Xian-Sheng Hua et al., entitled "Systems and Methods for Automatically Editing a Video," (Attorney Docket No. MS1-1277US).		
$\Psi$	U.S. Patent Application Serial No. 10/285,933, filed 11/01/2002, inventors Yu-Fei Ma et al., entitled "Systems and Methods for Generating a Motion Attention Model," (Attorney Docket No. MS1-1344US).			
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